

What Is Claimed Is:

1 1. A system for automatically allocating layout,
2 comprising:

3 an editing unit having a layout template comprising a
4 plurality of display areas, wherein data is inputted into a least
5 one display area; and

6 an integrating unit for automatically merging display areas
7 that contain data with adjacent display areas that do not contain
8 data.

1 2. The system for automatically allocating layout as
2 claimed in claim 1, wherein the integrating unit selects a first
3 display area of the plurality of display areas, and determines
4 whether a second display area adjacent to the first display area
5 in the horizontal direction contains data, and merges the first
6 and second display areas if the second display area does not
7 contain data, and determines whether a third display area
8 adjacent to the first display area in the vertical direction
9 contains data, and merges the first and third display areas if
10 the third display area does not contain data.

1 3. The system for automatically allocating layout as
2 claimed in claim 1, further comprising a data unit for storing
3 data to be inputted into the display areas.

1 4. The system for automatically allocating layout as
2 claimed in claim 1, further comprising a previewing unit for
3 providing a preview of a layout after automatic merging by the
4 integrating unit.

1 5. The system for automatically allocating layout as
2 claimed in claim 1, further comprising a memory unit for saving
3 a layout that is automatically merged by the integrating unit.

1 6. The system for automatically allocating layout as claimed
2 in claim 1, wherein the plurality of display areas in the layout
3 template comprise a grid with at least one row or one column.

1 7. The system for automatically allocating layout as
2 claimed in claim 1, wherein the layout template is a web page.

1 8. A method for automatically allocating layout,
2 comprising:
3 inputting a least one piece of data into at least one display
4 area of layout template with a plurality of display areas;
5 selecting a first display area;
6 determining whether a second display area adjacent to the
7 first display area in a first direction contains data; and
8 merging the first display area with the second display area
9 if the second display area does not contain data.

1 9. The method of claim 8, further comprising the step of:
2 outputting the layout template with merged display areas
3 into a web page.

1 10. The method of claim 9, further comprising the step of:
2 saving the web page in a memory unit.

1 11. The method of claim 8, wherein the first direction is
2 horizontal.

1 12. The method of claim 8, wherein the first direction is
2 vertical.

1 13. The method as claimed in claim 8, further comprising
2 the steps of:
3 determining whether a third display area adjacent to the
4 first display area in a second direction contains data;
5 merging the first display area with the third display area
6 if the third display area does not contain data;

1 14. The method of claim 13, wherein the second direction
2 is horizontal.

1 15. The method of claim 13, wherein the second direction
2 is vertical.